

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

LISTING OF CLAIMS:

1-48. (cancelled)

49. (currently amended) An information record medium comprising:

object data comprising a title which includes (i) a plurality of switchable parallel content information (i-1) which can be reproduced by an information reproducing apparatus so as to be switched, (i-2) which includes, as a branch structure, a plurality of parental blocks, a plurality of angle blocks or a plurality of versions about the same title and (i-3) to which a parental reproduction, and angle reproduction or version selection reproduction, by which a desired parental block, a desired angle block or a desired version about the same title is selected as a reproduction target, is performed, and (ii) a plurality of sequential content information which can be reproduced by the information reproducing apparatus ~~se~~ sequentially and each of which includes a plurality of packets, wherein the plurality of switchable parallel content information and the plurality of sequential content information are multi-recorded by a unit of a packet such that the title can be

recorded by an information record apparatus or can be reproduced by an information reproduction apparatus; and

reproduction control information for controlling a reproduction of the object data, wherein

the reproduction control information includes: a plurality of play list information, command information and object information,

at least one of the play list information includes: first item information and second item information, the first item information defines a reproduction sequence of the sequential content information, which constructs a part of one title, by a unit of an item arranged on a time axis, the second item information defines a reproduction sequence of the plurality of switchable parallel content information, which constructs other part of the one title, by the unit of the item,

the command information selects, on the information reproduction apparatus which reproduces the command information, one play list information from among the plurality of play list information which includes at least the second item information, on the basis of selection judgment information which is inputted or set with respect to ~~an~~ the information reproducing apparatus for reproducing the content information,

the object information includes address information for indicating an address of each of the plurality of switchable parallel content information and the plurality of sequential

content information which are defined by the first item information and the second item information, respectively,

each of the object data and the reproduction control information is recorded into a different area, respectively,

some of the content information are reproduced by the object information specified by the item information belonging to the one play list information selected on the basis of the selection judgment information.

50. (currently amended) An information record apparatus comprising:

a first record device for recording object data comprising a title which includes (i) a plurality of switchable parallel content information (i-1) which can be reproduced by an information reproducing apparatus so as to be switched, (i-2) which includes, as a branch structure, a plurality of parental blocks, a plurality of angle blocks or a plurality of versions about the same title and (i-3) to which a parental reproduction, and angle reproduction or version-selection reproduction, by which a desired parental block, a desired angle block or a desired version about the same title is selected as a reproduction target, is performed, and (ii) a plurality of sequential content information which can be reproduced by the information reproduction apparatus ~~se-~~sequentially and each of which includes a plurality of packets, wherein the plurality of

switchable parallel content information and the plurality of sequential content information are multi-recorded by a unit of a packet such that the title can be recorded by the information record apparatus or can be reproduced by an information reproduction apparatus; and

a second record device for recording reproduction control information for controlling a reproduction of the object data, wherein

the reproduction control information includes: a plurality of play list information, command information and object information,

at least one of the play list information includes: first item information and second item information, the first item information defines a reproduction sequence of the sequential content information, which constructs a part of one title, by a unit of an item arranged on a time axis, the second item information defines a reproduction sequence of the plurality of switchable parallel content information, which constructs other part of the one title, by the unit of the item,

the command information selects, on the information reproduction apparatus which reproduces the command information, one play list information from among the plurality of play list information which includes at least the second item information, on the basis of selection judgment information which is inputted

or set with respect to ~~an~~the information reproducing apparatus for reproducing the content information,

the object information includes address information for indicating an address of each of the plurality of switchable parallel content information and the plurality of sequential content information which are defined by the first item information and the second item information, respectively,

each of the object data and the reproduction control information is recorded into a different area, respectively,

some of the content information are reproduced by the object information specified by the item information belonging to the one play list information selected on the basis of the selection judgment information.

51. (currently amended) An information record method comprising:

a first record process of recording object data comprising a title which includes (i) a plurality of switchable parallel content information (i-1) which can be reproduced by an information reproducing apparatus so as to be switched, (i-2) which includes, as a branch structure, a plurality of parental blocks, a plurality of angle blocks or a plurality of versions about the same title and (i-3) to which a parental reproduction, and angle reproduction or version-selection reproduction, by which a desired parental block, a desired angle block or a

desired version about the same title is selected as a reproduction target, is performed, and (ii) a plurality of sequential content information which can be reproduced by the information reproduction apparatus ~~se-~~sequentially and each of which includes a plurality of packets, wherein the plurality of switchable parallel content information and the plurality of sequential content information are multi-recorded by a unit of a packet such that the title can be recorded by an information record apparatus or can be reproduced by an information reproduction apparatus; and

a second record process of recording reproduction control information for controlling a reproduction of the object data, wherein

the reproduction control information includes: a plurality of play list information, command information and object information,

at least one of the play list information includes: first item information and second item information, the first item information defines a reproduction sequence of the sequential content information, which constructs a part of one title, by a unit of an item arranged on a time axis, the second item information defines a reproduction sequence of the plurality of switchable parallel content information, which constructs other part of the one title, by the unit of the item,

the command information selects, on the information reproduction apparatus which reproduces the command information, one play list information from among the plurality of play list information which includes at least the second item information, on the basis of selection judgment information which is inputted or set with respect to ~~an~~ the information reproducing apparatus for reproducing the content information,

the object information includes address information for indicating an address of each of the plurality of switchable parallel content information and the plurality of sequential content information which are defined by the first item information and the second item information, respectively,

each of the object data and the reproduction control information is recorded into a different area, respectively,

some of the content information are reproduced by the object information specified by the item information belonging to the one play list information selected on the basis of the selection judgment information.

52. (previously presented) An information reproduction apparatus for reproducing the information record medium according to claim 49,

the information reproduction apparatus comprising:

a read device for physically reading information from the information record medium; and

a reproduction device for reproducing the object data included in the information read by the read device, on the basis of the reproduction control information included in the information read by the read device.

53. (previously presented) An information reproduction method of reproducing the information record medium according to claim 49,

the information reproduction method comprising:

a read process of physically reading information from the information record medium; and

a reproduction process of reproducing the object data included in the information read by the read process, on the basis of the reproduction control information included in the information read by the read process.

54. (previously presented) A computer readable recording medium recording thereon a computer program for a record control to control a computer disposed at the information record apparatus according to claim 50, said program making the computer function as at least a part of the first record device and the second record device.



55. (previously presented) A computer readable recording medium recording thereon a computer program for a reproduction control to control a computer disposed at the information reproduction apparatus according to claim 52, said program making the computer function as at least a part of the read device and the reproduction device.